

## NISOTEC FAVORIT E9 SAE 15W-40



Engine oil



Diesel Particulate Filter



Exhaust Gas Recirculation



Euro VI/IV



Low SAPS



Selective catalyst reduction

**NISOTEC FAVORIT E9 SAE 15W-40** is a multigrade engine oil intended for the lubrication of modern, Euro VI/IV, four-stroke diesel engines of high power, from the XHPD group (eXtra High Performance Diesel), which work under heavy loads and are equipped with particulate filters (DPF), exhaust gas recirculation systems (EGR) and catalysts (SCR). They are formulated with carefully selected high-quality base oils and an advanced additive package that provide exceptional protection against wear and deposits in the engine, and which provide a low content of sulfated ash, phosphorus and sulfur - 'Low SAPS'.

### Applications:



- Four-stroke heavy-duty naturally aspirated and turbocharged diesel engines in which are recommended oil category ACEA E11/E9/E7 or API CK-4 specifications and viscosity level SAE 15W-40
- Modern low-emission diesel engines equipped with exhaust gas aftertreatment systems that use Exhaust Gas Recirculation (EGR) technologies, with Diesel Particulate Filter (DPF) and Selective Catalytic Reduction (SCR).
- Light and heavy commercial vehicles and modern off-road machinery

Characteristics	Advantages
Low level of sulphated ash	Excellent protection and longevity of exhaust gas treatment devices
Improved soot control	Protection against oil thickening, which extends the working life of the engine
Wear protection	A permanent oil film provides protection against wear in all operating conditions, which enables a long service life of the engine
Excellent thermal and oxidation stability	It provides excellent oil resistance to aging and thus enables a longer replacement interval
Control of deposits in the engine	Prevents the formation of deposits and sludge in the engine, which enables a longer engine life
Stable viscosity	The protective oil film, stable throughout the application period, ensures a stable viscosity within the gradation

**Specification:**

- API CK-4/CJ-4/SN;
- ACEA E11/E9/E7;
- DTFR 15C100 (MB 228.31);
- MAN M3775/M3575;
- VOLVO VDS-4.5;
- RENAULT VI RLD-4/3;
- MACK EO-S-4.5;
- MTU type 2.1;
- CUMMINS CES 20086;
- CATERPILLAR ECF-3;
- DEUTZ DQC III-18LA;
- DETROIT DIESEL DFS 93K222;
- JASO DH-2;
- FORD WSS-M2C171-F1

**Typical characteristics**

Characteristics	Method	NISOTEC FAVORIT E9 SAE 15W-40
SAE Viscosity grade	SAE J300	15W-40
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ISO 3104	14,5
Viscosity Index	ISO 2909	140
Total Base Number TBN, mg KOH/g	ISO 3771	8,5
Sulfate ash, m/m %	ISO 3987	0,95
Pour Point, °C	ISO 3016	-33
Flash Point (COC), °C	EN ISO 2592	230
Density 15°C, kg/m <sup>3</sup>	EN ISO 3675	867

**Health, Safety and Environment**

Information on the safe handling, storage and disposal of the product, as well as information on precautionary measures and potential hazards, effects on human health and the environment can be found in the Product Safety Data Sheet (SDS). Store the product in its original packaging protected from atmospheric influences. Shelf life 5 years from the date of manufacture.

**Available packaging**

**10L**

**20L**

**205L**

**1000L**